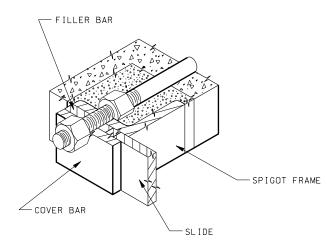
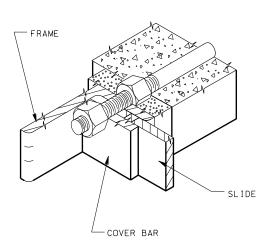


FLUSH BOTTOM CLOSURE



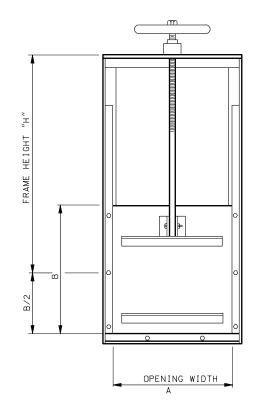
SPIGOT BACK MOUNTING



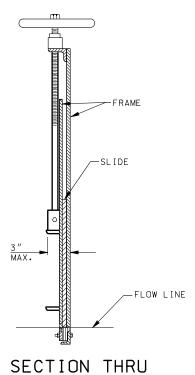
FLAT BACK MOUNTING

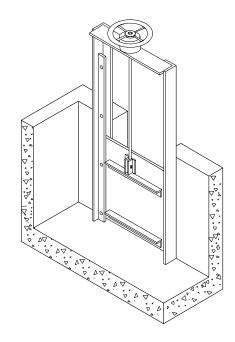
	STA	NDARD	SCRE	/ GATE	SIZES	FOR	5 FE	ET OF	HEAD	OR LES	SS	
A (INCH)	12	15	18	21	24	30	36	42	48	54	60	72
	12	12	12	21	12	18	24	24	24	30	30	36
	15	15	18		18	24	30	30	30	36	36	42
	18	18	24		24	30	36	36	36	42	42	48
B (INCH)	24	24	30		30	36	42	42	42	48	48	54
B (INCH)		30	36		36	42	48	48	48	54	54	60
					42	48	54	54	54	60	60	72
					48		60	72	60	72	72	
									72			

- * FRAME HEIGHTS ARE AVAILABLE IN 1 FOOT INCREMENTS UP TO 10 FEET.
- * OPENING SIZE : A X B



FRONT ELEVATION





ISOMETRIC VIEW

NOTES:

- 1. DESIGN SCREW GATES AND FRAMES FOR A MINIMUM FACE PRESSURE EQUAL TO 5 FEET OF HEAD ABOVE THE GATE OPENING AND ZERO BACK PRESSURE, SCREW GATES ARE INTENDED FOR A MAXIMUM OPENING SIZE OF 6 FT.x 6 FT.
- 2. CONSTRUCT SCREW GATE AND FRAME WITH CARBON STEEL CONFORMING TO AASHTO DESIGNATION M 183. GRADE 36. OPTIONAL GALVANIZING IN ACCORDANCE WITH AASHTO SPECIFICATION M 111.
- 3. MOUNT FRAME USING EITHER FLAT BACK OR SPIGOT BACK DETAILS DEPENDING ON CONDITIONS.
- 4. SUBMIT, IN ALL CASES, SHOP DRAWINGS FOR APPROVAL. SIMILAR SCREW GATES AND FRAMES CAN BE USED SUBJECT TO THE APPROVAL OF SHOP DRAWINGS.
- 5. SEE MANUFACTURES DETAILS FOR FRAME SIZES, AND PLACEMENT OF MOUNTING BOLTS.

DESIGN DATA

STRUCTURAL STEEL: fs = 20, 000 PSI DESIGN SEATING HEAD: 0-5 FT.

REVISIONS									NO. DATE APPR. REMARKS	
	DI DEFERENT OF TRANSFURION	STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION	SALT LAKE CITY, UTAH		RECOMMENDED FOR APPROVAL	JULY 03,2002	CHAIRMAN STANDARDS COMMITTEE	3.2002 3.2002		
	SCREW									

STANDARD SCREV GATE & FRAME

STD DWG

GF 7